



457718

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 000810176

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Laird Law City Dump

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

735 Laird Law Ave.

03 CITY

Cincinnati

04 STATE

05 ZIP CODE

06 COUNTY

07 COUNTY CODE

08 CONG DIST

OH

45217

Hamilton

061

1

09 COORDINATES LATITUDE

LONGITUDE

39° 10' 31.5"

084° 29' 12.0"

Cincinnati East 171 NW

10 DIRECTIONS TO SITE (Starting from nearest public road)

I-75 South to Merwood Lateral (SR 562) East on SR 562 to Paddock Rd, turn left (North) to Laird Law Turn left (West) proceed to 735 Laird Law Ave, NW RR. Go to where I-75 & SR 562 practically come together.

III. RESPONSIBLE PARTIES

01 OWNER (Name)

George Rowe, Director
City of Cincinnati; Dept of Public Works

02 STREET (Business, mailing, residential)

450 City Hall
4747 Spring Grove Ave

03 CITY

Cincinnati

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

OH

45232

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07 OPERATOR (If known and different from owner)

Pretter and Grumble Co.

08 STREET (Business, mailing, residential)

5201 Spring Grove Ave

09 CITY

Cincinnati

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

OH

45217

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13 TYPE OF OWNERSHIP (Check one)

☐ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE☐ D. COUNTY☒ E. MUNICIPAL☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED:

MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (EPCRA 102(c)) DATE RECEIVED:

MONTH DAY YEAR

☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

MONTH DAY YEAR

☐ NO

BY (Check all that apply)

☒ A. EPA Staff ☐ B. EPA CONTRACTOR☒ C. STATE☐ D. OTHER CONTRACTOR☒ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S)

Multiple

02 SITE STATUS (Check one)

☐ A. ACTIVE☒ B. INACTIVE☐ C. UNKNOWN

03 YEARS OF OPERATION

Prior 1965

1979

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

OCC (flammable/ignitable waste)
IOC (Toxic)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

ground water (population/environment)
air (population)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If none or medium is checked, complete Part 2 - Basic Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect at time available during)

☐ D. NONE

(No further action needed; comply current regulatory requirements)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Harvey Nufnager

02 OF Agency Organization

City Health Dept.

03 TELEPHONE NUMBER

(513) 352-3126

04 PERSON RESPONSIBLE FOR ASSESSMENT

Darryl Fowler

05 AGENCY

Ohio EPA

06 ORGANIZATION

SAWMA

07 TELEPHONE NUMBER

(513) 401-4670

08 DATE

8/17/84
MONTH DAY YEAR

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)	02 WASTE QUANTITY AT SITE <small>(Measures of waste quantities must be independent)</small>	03 WASTE CHARACTERISTICS (Check all that apply)
<input checked="" type="checkbox"/> A SOLID <input type="checkbox"/> B POWDER, FINES <input type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER _____ <small>(Specify)</small>	<input type="checkbox"/> E SLURRY <input checked="" type="checkbox"/> F LIQUID <input type="checkbox"/> G GAS TONS <u>N/A</u> CUBIC YARDS <u>N/A</u> NO. OF DRUMS <u>N/A</u>	<input type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input type="checkbox"/> D. PERSISTENT <input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input type="checkbox"/> G FLAMMABLE <input type="checkbox"/> H IGNITABLE <input type="checkbox"/> I HIGHLY VOLATILE <input type="checkbox"/> J EXPLOSIVE <input type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	120	Tons/mo	liquid residue from distillation of oil
IOC	INORGANIC CHEMICALS	45 K	units	calcium carbonate in liquid form
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

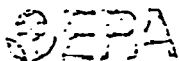
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V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site visit with Harvey Hufnagel, City H.D.
Condensed Chemical Dictionary 10th ed. Gessner Hawley



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
CH 000810176

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

17,135

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Residues from distillation of glycerine was deposited in a 7 ft by 300 ft lagoon. Glycerine may have leached into groundwater from lagoon. Most lagoons are not sealed. Geology of this site is located in buried valley aquifer.

01 ☐ B SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED

22,243

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Asbestos was not disposed of properly (covered and wetted down) potential for air contamination is present. Asbestos particles are harmful.

01 ☐ D FIRE EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Leachate from lagoons will migrate into soils and create a potential for soil contamination.

01 ☐ G DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS *Continued*

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Include name(s) of waste(s) and type of container)
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ P. ILLEGAL UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: 22,243

IV. COMMENTS

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

City of Cincinnati Solid Waste File, City Health Dept - Anti
Interview with Harvey Hufnagel, City H.D.

Major Data Elements	Information Available		Major Source (Ohio EPA Divisions, other agencies, reports/documents)
	Yes	No	
<u>Owner/Operator Information</u>			
Owner	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	<i>Solid Waste Files : City of Cincinnati File, City Health Dept</i>
Operator	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	
Other Responsible or Affected Parties	: <input type="checkbox"/>	: <input type="checkbox"/>	
<u>Waste Information</u>			
Waste States	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	<i>Solid Waste Files</i>
Waste Quantity at Site	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	<i>" "</i>
Waste Characterization	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	<i>" "</i>
Waste Type	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	
Hazardous Substances	: <input type="checkbox"/>	: <input checked="" type="checkbox"/>	
<u>Hazardous Conditions Information</u>			
On-Site Inspection	: <input checked="" type="checkbox"/>	: <input type="checkbox"/>	<i>Site Visit</i>
Ground Water	: <input type="checkbox"/>	: <input checked="" type="checkbox"/>	
Surface Water	: <input type="checkbox"/>	: <input type="checkbox"/>	
Air	: <input type="checkbox"/>	: <input type="checkbox"/>	
Fire/Explosion	: <input type="checkbox"/>	: <input checked="" type="checkbox"/>	
Direct Contact	: <input type="checkbox"/>	: <input checked="" type="checkbox"/>	
Soil	: <input type="checkbox"/>	: <input type="checkbox"/>	<i>F F</i>
Drinking Water	: <input type="checkbox"/>	: <input type="checkbox"/>	

File: Cincinnati
Solid Waste

ATTACHMENT TO APPLICATION FOR PERMIT TO OPERATE A LANDFILL

Limiting Conditions

The site described in this application has been used as a landfill by The Procter and Gamble Company since 1960. For many years prior to that time, the site had been used for landfill purposes by others.

The private road leading into the site is protected with a chain link fence and gate, which is locked at night and on weekends.

The landfill receives industrial waste from The Procter and Gamble Company only. On operating days, the landfill is supervised by a contractor-attendant from about 7:00 A.M. to about 5:30 P.M., who guards against unauthorized dumping.

The industrial wastes now being deposited on the landfill, and their estimated quantities are:

Tons per Working Day

Scrap metal such as pipe, valves, small pieces of
equipment, cans
Glass and plastic containers
Asbestos insulation
Building rubble, consisting of bricks, concrete,
earth and similar materials
Other inert materials

15.0

Scrap wooden pallets and a small amount of wood
from other sources

0.6

The waste materials are deposited on the landfill in an orderly fashion and covered and leveled with hardfill material (broken concrete, bricks, gravel, earth, etc.) about three times per year.

Useful scrap metal is salvaged by the contractor-attendant and removed from the site for sale. Useful wood pallets are also salvaged and removed from the site. The nonusable wood residue is disposed of by open burning by the contractor-attendant, under instruction to limit all fires to moderate size and to burn only when atmospheric conditions are favorable. Scrap wood is also burnt as a source of heat for the comfort of the contractor-attendant during cold weather.

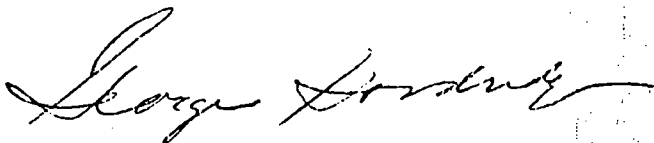
A portion of the landfill site contains a shallow lagoon about 7 feet by 300 feet which receives about 120 tons per month of liquid residues from the distillation of glycerine. This liquid causes no noticeable odor.

Surface drainage from the landfill site flows to Ross Run Sewer.

Limiting Conditions

The access road to the landfill is surfaced with broken stone and is usable during all times of the year.

As a limiting condition of the license, we plan to operate the landfill in the future in substantially the same manner as it is being operated at the present time.



George Goodridge
Plant Manager
Ivorydale General Mechanical Plant
The Procter & Gamble Company
5201 Spring Grove Avenue
Cincinnati, Ohio 45217
December 16, 1969

RCM:bmh

1.

No Part D
NOT ROR
SD 4/1/79 City Dump
Mr. [Signature]
4/8/86

Preliminary Assessment Narrative

Date: 7/1/86
Company: Laidlaw City Dump
I.D.#: OHD000810176

The City Dump on 735 Laidlaw Avenue Cincinnati, Ohio started operations prior to 1960. It is located on the northeast corner of Mill Creek Expressway and the Norwood Lateral (St. Rt. 562). The B & O Railroad runs south of the site and Laidlaw is north of it. Solid and industrial wastes were disposed of on-site prior to the takeover of Proctor and Gamble Co. in 1960.

Proctor & Gamble disposed of plastics, glass, and metal containers, wood, paper, garbage and manufactured waste products. The waste was dumped at the five acre site in a mismanaged fashion. The landfill contained a shallow lagoon about 7 feet by 300 feet which received approximately 120 tons per month of liquid residue from the distillation of glycerine. This site was not in compliance with the solid waste regulations because there was no daily cover and material other than solid wastes were dumped in the landfill.

The Cincinnati Health Department notified Proctor & Gamble of their violations and restricted their activities to hardfill such as concrete, bricks and sand. The files do not indicate any hazardous wastes disposed of on-site. Proctor & Gamble was commended for their cooperation and improved solid waste practices. (The site has a dense grass cover now). This site is a medium priority site for State and Federal activities.

A FIT (Field Investigation Team) inspection is recommended because the site is located in a sand and gravel buried valley aquifer. This creates the potential for glycerine to leach through the lagoon into the groundwater. Groundwater samples should be taken so installation of monitoring wells are required. Soil samples should also be taken in the area where the lagoon was located.

1812S/6

Preliminary Assessment Narrative

RECEIVED

Date: 7/1/86
Company: Laidlaw City Dump
I.D.#: OHD000810176

SEP 01 1986
Environmental Protection Agency
SOUTHWEST DISTRICT

The City Dump on 735 Laidlaw Avenue Cincinnati, Ohio started operations prior to 1960. It is located on the northeast corner of Mill Creek Expressway and the Norwood Lateral (St. Rt. 562). The B & O Railroad runs south of the site and Laidlaw is north of it. Solid and industrial wastes were disposed of on-site prior to the takeover of Proctor and Gamble Co. in 1960.

Proctor & Gamble disposed of plastics, glass, and metal containers, wood, paper, garbage and manufactured waste products. The waste was dumped at the five acre site in a mismanaged fashion. The landfill contained a shallow lagoon about 7 feet by 300 feet which received approximately 120 tons per month of liquid residue from the distillation of glycerine. This site was not in compliance with the solid waste regulations because there was no daily cover and material other than solid wastes were dumped in the landfill.

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1812S/6